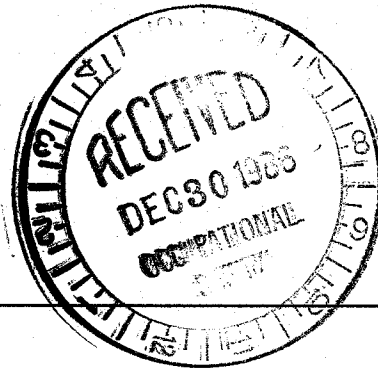


## General Offices/3M

3M Center  
St. Paul, Minnesota 55144-1000  
(612) 733-1110



MATERIAL SAFETY  
DATA SHEET

DIVISION: ADHESIVES, COATINGS AND SEALERS  
TRADE NAME: SCOTCH-WELD(TM) Brand Structural Adh. Film  
AF-126-2 / .08 Wt  
3M I.D. NUMBER: 62-0128-0000-9 62-0128-0150-2 62-0128-0455-5  
62-0128-0655-0 62-0128-1205-3 62-0128-1450-5  
62-0128-3301-8 62-0128-3905-6 62-0128-3906-4  
62-0128-4502-0 62-0128-4505-3 62-0128-5301-6  
62-0128-5305-7 62-0128-5306-5 62-0128-5341-2

ISSUED: JULY 8, 1986  
SUPERSEDES: APRIL 14, 1986  
DOCUMENT: 10-2479-3

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
bisphenol A epoxy resin	N/A		N/D 5
epoxy resin and curative	N/A		N/D 5
acrylonitrile/butadiene copolymer	N/A		N/D 5
TOTAL OF THE ABOVE	N/A	96.0- 98.0	N/D 5
3-(P-chlorophenyl)-1,1- dimethyl urea	150-68-5	2.0	N/D 5
blue dye	N/A	1.0	N/D 5

## SOURCE OF EXPOSURE LIMIT DATA:

1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

## ABBREVIATIONS:

N/D - Not Determined  
N/A - Not Applicable

## 2. PHYSICAL DATA

BOILING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY (Air=1): N/A  
EVAPORATION RATE (Ether=1): N/A  
APPEARANCE AND ODOR: Blue adhesive film; essentially no odor.  
SOLUBILITY IN WATER: Not soluble  
SP. GRAVITY (Water=1): N/A  
PERCENT VOLATILE: 0.0%  
VISCOSITY: N/A -- Solid film  
pH: N/D

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**MATERIAL SAFETY  
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MSDS: SCOTCH-WELD(TM) Brand Structural Adh. Film AF-126-2 / .08 WtPage 2  
JULY 8, 1986

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**3. FIRE AND EXPLOSION HAZARD DATA**

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FLASH POINT (Closed Cup): N/A  
FLAMMABLE LIMITS - LEL: N/A UEL: N/A

**EXTINGUISHING MEDIA:**

Water, CO2, foam, dry chemical

**SPECIAL FIRE FIGHTING PROCEDURES:**

Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

None

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**4. REACTIVITY DATA**

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STABILITY: STABLE

**INCOMPATIBILITY - MATERIALS TO AVOID:**

N/A

CONDITIONS TO AVOID: Store at 0F or lower to maintain shelf life.

Allow product to warm to room temperature prior to use.

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Thermal decomposition or burning may produce C, H, N decomposition products.

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**5. ENVIRONMENTAL INFORMATION**

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**SPILL RESPONSE:**

N/A

**RECOMMENDED DISPOSAL:**

Dispose of used product in a sanitary landfill or incinerate in accordance with local and current U.S. Environmental Protection Agency regulations.

**ENVIRONMENTAL DATA:**

N/D

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00-28

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MSDS: SCOTCH-WELD(TM) Brand Structural Adh. Film AF-126-2 / .08 WtPage 3  
JULY 8, 1986

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**6. SUGGESTED FIRST AID**

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**EYE CONTACT:**

Immediately flush eyes with plenty of water. If irritation persists, call a physician.

**SKIN CONTACT:**

Wash thoroughly with soap and water.

**INHALATION:**

Not applicable in layup work area. At elevated temperatures remove individual to fresh air. No toxic effects expected at room temperature.

**IF SWALLOWED:**

Not likely (solid adhesive film); however if ingested, call a physician or poison control center.

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**7. PRECAUTIONARY INFORMATION**

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Prevent eye and skin contact; wear safety glasses and impervious gloves. Avoid breathing vapors of heated product during cure operations; vent curing ovens to the outdoors. Avoid inhalation of, or eye contact with, dust from grinding, sanding or cutting operations on the cured adhesive film; wear dust mask and safety glasses. Remove contaminated clothing and laundry before reuse. Keep out of the reach of children.

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MSDS: SCOTCH-WELD(TM) Brand Structural Adh. Film AF-126-2 / .08 MtPage 4  
JULY 8, 1986

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**8. HEALTH HAZARD DATA**

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**EYE CONTACT:** Physical contact may cause mechanical irritation.  
Vapors of heated film may cause irritation.

**SKIN CONTACT:** Prolonged and repeated contact may cause irritation  
and sensitization in some individuals.

**INHALATION:** No toxic effects expected at room temperatures.  
Inhalation of vapors from heated product (during cure operations) may  
cause irritation to the respiratory tract. Dust from grinding,  
sanding or cutting operations on the cured adhesive film may cause  
irritation to the respiratory system. Symptoms include coughing,  
sneezing, and itching.

**INGESTION:** Ingestion is not likely with solid adhesive film; however  
if ingested, may cause digestive system irritation.

**OTHER:** 3-(P-chlorophenyl)-1,1-dimethyl urea has been shown to be a  
suspect carcinogen based on chronic animal feed studies.. However,  
normal handling of this product will not produce an exposure.

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The information on this Data Sheet represents our current data and best  
opinion as to the proper use in handling of this product under normal  
conditions. Any use of the product which is not in conformance with this  
Data Sheet or which involves using the product in combination with any  
other product or any other process is the responsibility of the user.